

# Turbo L2 Series

RENAC

## Low Voltage Battery

5.1 / 10.2kWh

Max. **32**  
units

Parallel

Max. **1c**

Charging / Discharge  
Current

**>6000**

Cycle life times



Optional aerosol fire  
suppression module



- ▶ Optional active balancing, high-efficiency cell balancing
- ▶ Self-configuring parallel networking, one-touch start
- ▶ Optional heating function, fearless of the cold
- ▶ Supports remote monitoring and firmware upgrades

Model	TB-L2-5.1	TB-L2-10.2
<b>Electrical Parameters</b>		
Nominal Voltage [V]	51.2	51.2
Nominal Capacity [Ah]	100	200
Nominal Energy <sup>[1]</sup> [kWh]	5.12	10.24
Voltage Range [V]	43.2~57.6	43.2~57.6
Max. Continuous Charging Current [A]	100	200
Max. Continuous Discharging Current [A]	100	200
<b>General Data</b>		
Battery Chemistry	LiFePO <sub>4</sub>	LiFePO <sub>4</sub>
Dimensions (W * H * D) [mm]	454*585*135	26RD03V1.0-EN 454*635*240
Net Weight [kg]	48	87
Scalability	Max. 32 pcs pack (Max.163.84kWh) in parallel	Max. 32 pcs pack (Max.326.4kWh) in parallel
Ingress Protection	IP20	
Installation Type	Wall - mounted	Floor - mounted
Indicator	LED	
Cooling	Natural	
Communication Port	RS485 / CAN	
Operation Temperature Range <sup>[2]</sup> [°C]	-20 ~ +60	
Operation Humidity	5 ~ 95%	
Altitude [m]	≤ 2000	
Cycle Life	6000 (@ 25 °C / 0.5C / 70% EOL)	
Aerosol Fire Protection	Optional	
Heating Function	Optional	
Active Balancing	Optional	
<b>Certification</b>		
Certificates	IEC 62619, UN38.3	

[1] Nominal Energy: 100% DOD 0.5C charge & discharge at +25 °C (test conditions).

[2] Ambient temperature: charging (0 ~ +53 °C ) or (-10 ~ +53 °C , with optional heating function); discharge (-20 ~ +58 °C ).